IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A mobile concrete pump comprising:

a truck chassis ~~(10)~~ including a frame ~~(12)~~,

a building frame ~~(22)~~ fixed to the frame ~~(12)~~ of the truck chassis ~~(10)~~ and comprising two longitudinal side members ~~(50)~~ mutually spaced apart by a free space ~~(52)~~, and

a stabilizing device ~~(38)~~ with extendable support legs ~~(40)~~, a core pump ~~(24)~~ with a material supply container ~~(32)~~, and a plurality of functional units functional units which form a distribution mast ~~(36)~~ mounted on said building frame ~~(22)~~,

wherein a drive subassembly ~~(42)~~ for actuating the plurality of functional units, and the core pump ~~(24)~~, ~~is~~ are located in the free space ~~(52)~~ between the two longitudinal side members ~~(50)~~, and

wherein the building frame ~~(22)~~ comprises a floating bearing ~~(54)~~ linking said side members across the free space, as well as a releasable fixed bearing ~~(56)~~ arranged at the rear end of the building frame for releasably supporting the core pump for removal of the core pump from the building frame ~~(22)~~, which core pump is prefabricated in modular manner, and the material supply container ~~(32)~~ which is rigidly connected with the core pump, wherein the core pump is prefabricated and can be introduced from the back end of the building frame through the free space and is connectable with the floating bearing and the fixed bearing.

2. (canceled)

3. (currently amended) The mobile concrete pump according to Claim 1, wherein the building frame ~~(22)~~ includes slide rails leading to the floating bearing ~~(54)~~ and the fixed bearing ~~(56)~~ for facilitating the installation and removal of the core pump ~~(24)~~.

4. (currently amended) The mobile concrete pump according to Claim 1, wherein the floating bearing ~~(54)~~ is a cross beam, bridging over the free space ~~(52)~~, upon which the core pump ~~(24)~~ rests.

5. (currently amended) The mobile concrete pump according to Claim 1, wherein the core pump ~~(24)~~ is supported, in the area of the floating bearing ~~(24)~~, on the sides against the longitudinal side members ~~(50)~~ by rubber elastic vibration absorbers.

6. (currently amended) The mobile concrete pump according to Claim 1, wherein the core pump ~~(24)~~ is secured against lifting off from the floating bearing ~~(54)~~.

7. (currently amended) The mobile concrete pump according to Claim 6, wherein, for securing against lifting off, the core pump ~~(24)~~ is connectable with the floating bearing ~~(54)~~ by a capture or lock mechanism connection.

8. (currently amended) The mobile concrete pump according to Claim 1, wherein the core pump is a hydraulically driven piston pump having a water box ~~(28)~~, and resting with its water box ~~(28)~~ upon the floating bearing ~~(54)~~.

9. (currently amended) The mobile concrete pump according to Claim 1, wherein the floating bearing ~~(54)~~ is positionable upon the longitudinal side members ~~(50)~~ in various locations spaced apart from each other in the longitudinal direction.

10. (currently amended) The mobile concrete pump according to Claim 4, wherein the cross beam forming the floating bearing ~~(54)~~ is rigidly connected to the longitudinal side members ~~(50)~~.

11. (currently amended) The mobile concrete pump according to Claim 1, wherein the material supply container includes at least one extension arm ~~(59)~~ releasably and rigidly connectable with the fixed bearing ~~(56)~~ of the building frame ~~(22)~~.

12. (currently amended) The mobile concrete pump according to Claim 11, wherein the fixed bearing ~~(56)~~ includes a rubber elastic cushioning or shock absorbing element.

13. (currently amended) The mobile concrete pump according to Claim 1, wherein the building frame ~~(22)~~ includes mounting means ~~(62)~~ for releasably receiving carrier frames ~~(48)~~ of various sizes, the carrier frames bridging over the free space ~~(52)~~, and modularly equippable with more than one type of a drive subassembly.

14. (canceled)

15. (currently amended) The mobile concrete pump according to Claim 1, wherein a plurality of hydraulic control elements or ~~and~~ electric control and circuit elements for the drive subassembly and the plurality of functional units connected to the drive subassembly are assembled into a control module ~~(94)~~ that is provided at the rearward area of the building frame ~~(22)~~.

16. (currently amended) The mobile concrete pump according to Claim 15, wherein the control module ~~(94)~~ includes a plurality of assembled hydraulic valves and a hydraulic reservoir ~~(97)~~ assembled into a hydraulic controlled block ~~(96)~~ as necessary for control.

17. (currently amended) The mobile concrete pump according to Claim 15, wherein a plurality of hydraulic lines associated with the plurality of hydraulic and electric control and circuit elements lead from the control module ~~(94)~~ to the drive subassembly ~~(42)~~ run on the longitudinal side members ~~(50)~~ of the building frame ~~(22)~~.

18. (currently amended) The mobile concrete pump according to Claim 1, wherein the inner surfaces ~~(60)~~ of the longitudinal side members ~~(50)~~ facing the free space ~~(52)~~ are each provided with a rigidly connected mounting rail ~~(62)~~ extending in the longitudinal direction, wherein at least two journal bearings ~~(58)~~ are provided spaced apart from each other on the longitudinal side members ~~(50)~~ projecting transverse in the free space ~~(62)~~ for receiving the carrier frame ~~(48)~~ for the drive subassembly ~~(42)~~ and wherein the journal bearings ~~(58)~~ each carry a base plate ~~(66)~~, with which they are releasably securable to the mounting rails ~~(62)~~.

19. (currently amended) The mobile concrete pump according to Claim 18, wherein the mounting rails ~~(62)~~ include screw bore holes ~~(64)~~ open transverse to the free space ~~(52)~~ provided spaced apart from each other in the longitudinal direction in defined detent separations, and wherein the base plates ~~(66)~~ exhibit at least two through holes ~~(68)~~ provided spaced apart from each other corresponding to the detent separation of the screw bore holes ~~(64)~~ for securing screws ~~(70)~~.

20. (currently amended) The mobile concrete pump according to Claim 19, wherein the mounting rails ~~(62)~~ have a square cross section profile, and wherein the base plates ~~(66)~~ on their broad side opposite to the journal bearings ~~(58)~~ exhibit an edge open profile recess ~~(72)~~ complimentary to the square profile, with which they are form fittingly seatable upon the mounting rails ~~(62)~~ and securable thereto via the securing screws ~~(70)~~.

21. (currently amended) The mobile concrete pump according to Claim 20, wherein the journal bearings ~~(58)~~ are provided eccentrically relative to the profile recess ~~(72)~~ and, in the longitudinal direction, are centrally located on the base plate ~~(66)~~.

22. (currently amended) The mobile concrete pump according to Claim 20, wherein the through holes ~~(68)~~ are provided centrally relative to the profile recess ~~(72)~~, and eccentrically in the longitudinal direction, spaced apart from the journal bearings, on the base plate ~~(66)~~.

23. (currently amended) The mobile concrete pump according to Claim 18, wherein the journal bearing ~~(58)~~ is welded to the base plate ~~(66)~~.

24. (currently amended) The mobile concrete pump according to Claim 23, wherein the journal bearing ~~(58)~~ includes a flange ~~(74)~~ and a backwards facing plug pin ~~(76)~~ and is inserted with the plug pin ~~(76)~~ in the bore ~~(78)~~ of the base plate ~~(66)~~ until abutment with the flange ~~(74)~~, and in this position is welded with the base plate.

25. (currently amended) The mobile concrete pump according to Claim 18 wherein the mounting rails ~~(62)~~ are welded to the longitudinal side members ~~(50)~~.

26. (currently amended) The mobile concrete pump according to Claim 18, wherein a bearing eye ~~(84)~~ is seated on each journal bearing ~~(58)~~, which is securable to the carrier frame ~~(48)~~.

27. (currently amended) The mobile concrete pump according to Claim 26, wherein the bearing eye ~~(84)~~ is padded towards the journal bearing with an elastic deformable plastic material ~~(92)~~.

28 – 46. (canceled)